

# Northeast Fisheries Science Center Publications, Reports, Abstracts, and Web Documents for Calendar Year 2008

compiled by Andrea Toran

#### **Recent Issues in This Series**

- 08-15 Assessment of 19 Northeast Groundfish Stocks through 2007: A Report of the 3rd Groundfish Assessment Review Meeting (GARM III), Northeast Fisheries Science Center, Woods Hole, Massachusetts, August 4-8, 2008, by Northeast Fisheries Science Center. August 2008.
- 08-16 Assessment of 19 Northeast Groundfish Stocks through 2007: A Report of the 3rd Groundfish Assessment Review Meeting (GARM III) -- Appendixes, by Northeast Fisheries Science Center. September 2008.
- 08-17 Preparation of the Northeast Fisheries Observer Program Gillnet Data for Use in Bycatch Analyses of Protected Species, by ML Warden and CD Orphanides. August 2008.
- 08-18 A Description of the Allocation Procedure Applied to the 1994 to 2007 Commercial Landings data, by SE Wigley, P Hersey, and JE Palmer. September 2008.
- 08-19 11th Flatfish Biology Conference Program and Abstracts, Dec. 3-4, 2008, Water's Edge Resort and Spa, Westbrook, Connecticut, by Conference Steering Committee: R Mercaldo-Allen (Chair), A Calabrese, D Danila, M Dixon, A Jearld, T Munroe, Deborah Pacileo, C Powell, and S Sutherland. November 2008.
- 08-20 Estimated average annual bycatch of loggerhead sea turtles (Caretta caretta) in US Mid-Atlantic bottom otter trawl gear, 1996-2004 (2nd edition), by KT Murray. November 2008.
- 09-01 Report of the Retrospective Working Group, January 14-16, 2008, Woods Hole, Massachusetts, by CM Legault, Chair. January 2009.
- 09-02 The Northeast Data Poor Stocks Working Group Report, December 8-12, 2008 Meeting, by Northeast Data Poor Stocks Working Group. January 2009.
- 09-03 The 2008 Assessment of the Gulf of Maine Atlantic Cod (Gadus morhua) Stock, by RK Mayo, G Shepherd, L O'Brien, LA Col, and M. Traver. February 2009.
- 09-04 Mortality and serious injury determinations for baleen whale stocks along the United States eastern seaboard and adjacent Canadian maritimes, 2003-2007, by AH Glass, TVN Cole, and M Garron. March 2009.
- 09-05 North Atlantic Right Whale Sighting Survey (NARWSS) and Right Whale Sighting Advisory System (RWSAS) 2008 Results Summary, by C Khan, TVN Cole, P Duley, AH Glass, M Niemeyer, and C Christman. March 2009.
- 09-06 A Bibliography of the Long-Finned Pilot Whale, Globicephala melas, and the Short-Finned Pilot Whale, Globicephala macrorhynchus, in the North Atlantic Ocean, compiled by FW Wenzel, JR Nicolas, A Abend, and B Hayward. April 2009.
- 09-07 Determination of Conversion Factors for Vessel Comparison Studies, by HO Milliken and MJ Fogarty. April 2009.
- 09-08 The 2008 Assessment of Atlantic Halibut in the Gulf of Maine-Georges Bank Region, by LA Col and CM Legault. May 2009.
- 09-09 Proceedings from a workshop to identify future research priorities for cod tagging in the Gulf of Maine, 12 February, 2009, by S Tallack, Compiler/Editor. June 2009.
- 09-10 48th Northeast Regional Stock Assessment Workshop (48th SAW) assessment summary report, by Northeast Fisheries Science Center. July 2009.
- 09-11 Ecosystem Assessment Report for the Northeast U.S. Continental Shelf Large Marine Ecosystem, by the Ecosystem Status Program. July 2009.
- 09-12 Description of the 2008 Oceanographic Conditions on the Northeast U.S. Continental Shelf, by MH Taylor, T Holzwarth-Davis, C Bascuñán, and JP Manning. August 2009.

### Northeast Fisheries Science Center Publications, Reports, Abstracts, and Web Documents for Calendar Year 2008

compiled by Andrea Toran

NOAA Fisheries Northeast Fisheries Science Center 166 Water Street Woods Hole, MA 02543

#### U.S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration National Marine Fisheries Service Northeast Fisheries Science Center Woods Hole, Massachusetts

#### **Northeast Fisheries Science Center Reference Documents**

This series is a secondary scientific series designed to assure the long-term documentation and to enable the timely transmission of research results by Center and/or non-Center researchers, where such results bear upon the research mission of the Center (see the outside back cover for the mission statement). These documents receive internal scientific review, and most receive copy editing. The National Marine Fisheries Service does not endorse any proprietary material, process, or product mentioned in these documents.

All documents issued in this series since April 2001, and several documents issued prior to that date, have been copublished in both paper and electronic versions. To access the electronic version of a document in this series, go to <a href="http://www.nefsc.noaa.gov/nefsc/publications/">http://www.nefsc.noaa.gov/nefsc/publications/</a>. The electronic version is available in PDF format to permit printing of a paper copy directly from the Internet. If you do not have Internet access, or if a desired document is one of the pre-April 2001 documents available only in the paper version, you can obtain a paper copy by contacting the senior Center author of the desired document. Refer to the title page of the document for the senior Center author's name and mailing address. If there is no Center author, or if there is corporate (i.e., non-individualized) authorship, then contact the Center's Woods Hole Laboratory Library (166 Water St., Woods Hole, MA 02543-1026).

This document's publication history is as follows: manuscript submitted for review August 11, 2009; manuscript accepted through technical review August 26, 2009; manuscript accepted through policy review August 27, 2009; and final copy submitted for publication August 24, 2009. Pursuant to section 515 of Public Law 106-554 (the Information Quality Act), this information product has undergone a pre-dissemination review by the Northeast Fisheries Science Center, completed on August 26, 2009. The signed pre-dissemination review and documentation is on file at the NEFSC Editorial Office. This document may be cited as:

Toran A, Compiler. 2009. Northeast Fisheries Science Center publications, reports, abstracts, and web documents for calendar year 2008. US Dept Commer, Northeast Fish Sci Cent Ref Doc. 09-13; 26 p. Available from: National Marine Fisheries Service, 166 Water Street, Woods Hole, MA 02543-1026, or online at http://www.nefsc.noaa.gov/nefsc/publications/

#### **Table of Contents**

Ordering Information	iv
Introduction	V
List of Organization Acronyms	vi
Publications	
Reports	8
Abstracts	
Web Pages.	

#### **Ordering Information**

To request a copy of a work by email, use the online NOAA staff locator to find the senior NEFSC author's (NEFSC author names are in capital letters) email address (https://nsd.rdc.noaa.gov/nsd/pubsearch).

To request a copy of a work by postal m ail, the address for the senior NEFSC author or contact is associated with the bracketed two-letter code at the end of the bibliographic entry. The key to the codes is as follows:

- MF = NOAA National Marine Fisheries Service, 212 Rogers Ave., Milford, CT 06460-6435
- NB = NOAA/UMass Cooperative Marine Education and Research Program, c/o School for Marine Science & Technology, 706 South Rodney French Boulevard, New Bedford, MA 02744-1221
- NG = NOAA National Marine Fisheries Service, 28 Tarzwell Dr., Narragansett, RI 02882-1199
- NS = NOAA National Marine Fisheries Service, National Systematics Laboratory, Smithsonian Institution, P.O. Box 37012, National Museum of Natural History, Room 57WC, MRC 0153, Washington, DC 20013-7012
- OR = NOAA National Marine Fisheries Service, ASRC Field Station, P.O. Box 190, Orono, ME 04473
- RG = NOAA/Rutgers University Cooperative Marine Education and Research Program, c/o Institute of Marine and Coastal Sciences, P.O. Box 231, New Brunswick, NJ 08903-0231
- RI = NOAA/University of Rhode Island Cooperative Marine Education and Research Program, c/o Graduate School of Oceanography, Narragansett Bay Campus, Narragansett, RI 02882-1197
- SH = NOAA National Marine Fisheries Service, 74 Magruder Rd., Highlands, NJ 07732
- VA = NOAA/Virginia Cooperative Marine Education and Research Program, Virginia Institute of Marine Science, Gloucester Point, VA 23062
- WH = NOAA National Marine Fisheries Service, 166 Water St., Woods Hole, MA 02543-1026

#### Introduction

The following bibliography consists of three sections: (1) anonymously peer-reviewed publications ("publications"); (2) transparently peer-reviewed and non-peer reviewed publications ("reports"); (3) abstracts for abstracts and poster displays; and (4) web pages and documents. The bibliography covers works prepared by Northeast Fisheries Science Center (NEFSC) employees which have a 2008 publication date. Authors who were NEFSC employees at the time they composed their works, and/or who were NEFSC employees during all or part of 2008, are designated by capital letters.

Editorial treatment of bibliographic entries is based on the Council of Science Editors style manual, seventh<sup>1</sup> edition.

Works which have a pre-2008 publication date but which were not released until 2008, or which have a 2008 publication date but had not been released at the time this list was published, have been included in this issue. They are noted by an asterisk (\*) next to the publication date.

A hyperlinked list of organization acronyms has been included on the following page.

Availability of reprints of publications and of photocopies of reports and abstracts varies for each work. Any initial request for a reprint or photocopy should be directed to the sole/senior NEFSC author of the work. See "Ordering Information" above for details.

Bibliographies of publications, reports, and abstracts for earlier years are available online at: http://www.nefsc.noaa.gov/nefsc/publications/lists/lists.htm.

1. Council of Science Editors, Style Manual Committee. 2006. Scientific style and format: the CSE manual for authors, editors, and publishers. 7th ed. Reston, VA: The Council; 658 p.

V

#### **List of Organization Acronyms**

AFS = American Fisheries Society

ICES = <u>International Council for the Exploration of the Sea</u>

NAFO = Northwest Atlantic Fisheries Organization

NASA = National Aeronautics and Space Administration

NEFSC = Northeast Fisheries Science Center

NMFS = National Marine Fisheries Service

NOAA = National Oceanic and Atmospheric Administration

PICES = North Pacific Marine Science Organization

SAW = Stock Assessment Workshop

SETAC = Society of Environmental Toxicology and Chemistry

TRAC = Transboundary Resources Assessment Committee

UJNR = <u>US-Japan Natural Resources Aquaculture Panel</u>

VIMS = <u>Virginia Institute of Marine Science</u>

#### **Publications**

- Baba K, MacPherson E, Poore GB, Ahyong ST, Bermudez A, Cabezas P, Chia-Wei L, NIZINSKI M, Rodrigues C, Schnabel K. 2008. Catalogue of squat lobsters of the world (*Crustacea: Decapoda: Anomura-families Chirostylidae, Galatheidae, and Kiwaidae*). Zootaxa. 1905:1-220. [NS]
- Baumgartner MF, VAN PARIJS SM, WENZEL FM. 2008. Low frequency vocalizations produced by sei whales (*Balaenoptera borealis*). J Acoust Soc Am. 124(2)1339-1349. [WH]
- Bergstad OA, Falkenhaug T, Astthorsson OS, Byrkjedal I, Gebruk AV, Piatkowski U, Priede IG, Santos RS, VECCHIONE M, Lorance P, Gordon JD. 2008. Towards improved understanding of the diversity and abundance patterns of the mid-ocean ridge macro- and megafauna. Deep-Sea Res II. 55(2008):1-5. [NS]
- Bergstad OA, Høines Å, Orlov A, Iwamoto T, Uiblein F, GALBRAITH JK, Byrkjedal, I. 2008. Species composition and abundance patterns of grenadiers on the mid-Atlantic Ridge between Iceland and the Azores. Grenadiers of the World Oceans: Biology, Stock Assessment, and Fisheries. Bethesda [MD]: AFS. 63:484 p. [WH]
- BISACK KD. 2008. Integrating porpoise and cod management: a comparison of days at sea, ITQs, and closures. Mar Resour Econ. 23(3):361-378. [WH]
- Bogomolni A, Gast R, Ellis J, Dennett M, Pugliares K, LENTELL B, Moore M. 2008. Victims or vectors: a survey of marine vertebrate zoonoses from coastal waters of the northwest Atlantic. Dis Aquat Org. 81(1)13-38. [WH]
- BRILL R, Bushnell P, Schroff S, Seifert R, Galvin M. 2008. Effects of anaerobic exercise accompanying catch-and-release fishing on the blood oxygen affinity of the sandbar shark (*Carcharhinus plumbeus*, Nardo). J Exp Mar Biol Ecol. 354:132-143. [VA]
- BRILL R, Magel C, Davis MW, Hannah RW, Rankin PW. 2008. Effects of rapid decompression and exposure to bright light on visual function in black rockfish (*Sebastes melanops*) and Pacific halibut (*Hippoglossus stenolepis*). Fish Bull. 106:427-437. [VA]
- BRODZIAK JKT, CADRIN SX, LEGAULT C, MURAWSKI S. 2008. Goals and strategies for rebuilding New England groundfish stocks. Fish Res. 94:355-366. [WH]
- BROOKS EN, POWERS JE. 2008. Penalties and rewards for over and underages of catch allocations. ICES J Mar Sci. 65:1541-1551. [WH]
- BROOKS EN, Shertzer KW, Gedamke T, Vaughan DS. 2008. Stock assessment of protogynous fish: evaluating measures of spawning biomass used to estimate biological reference points. Fish Bull. 106:12-23. [WH]

- Buckley LJ, CALDARONE EM, Clemmesen C. 2008. Multi-species larval fish growth model based on temperature and fluorometrically derived RNA/DNA ratios: results from a meta-analysis. Mar Ecol Prog Ser. 371:221-232. [RI]
- CADRIN SX, Pastoors M. 2008. Precautionary harvest policies and the uncertainty paradox. Fish Res. 94:367-372. [NB]
- CLAY PM, OLSON J. 2008. Defining "fishing communities": vulnerability and the Magnuson-Stevens Fishery Conservation and Management Act. Human Ecol Rev. 15(2):143-160. [WH]
- COLLETTE BB, Diaz de Astarloa JM. 2008. Southernmost occurrence of the slender tuna, *Allothunnus fallai*, off Tierra del Fuego, South Atlantic Ocean. Ichthyol Res. 55(1):95-96. [NS]
- Edwards KP, HARE JA, Werner FE. 2008. Dispersal of black sea bass, *Centropristis striata*, larvae on the southeast US continental shelf: results of a coupled vertical larval behavior-3D circulation model. Fish Oceanogr. 17:299-315. [NG]
- EDWARDS SF. 2008. Ocean zoning, first possession, and Coasean contracts. Mar Pol. 32(2008):46-54. [WH]
- Fabrizio MC, Scharf FS, Shepherd GR, ROSENDALE JE. 2008. Factors affecting catch and release mortality of bluefish. N Am J Fish Manage. 28:533-546. [WH]
- Felley JD, VECCHIONE M, Wilson RR Jr. 2008. Small-scale distribution of deep-sea demersal nekton and other megafauna in the Charlie-Gibbs Fracture Zone of the Mid-Atlantic Ridge. Deep-Sea Res II. 55:153-160. [NS]
- Fey D, HARE JA. 2008. Fluctuating asymmetry in the otoliths of larval Atlantic menhaden, *Brevoortia tyrannus*, a condition indicator. J Fish Biol. 72:121-130. [NG]
- FOGARTY MJ, Incze L, Hayhoe K, MOUNTAIN D, MANNING JP. 2008. Potential climate change impacts on Atlantic cod, *Gadus morhua*, off the northeastern USA. Mitig Adapt Strat Glob. 13(5-6):453-466. [WH]
- FOGARTY MJ, Incze L, Wahle R, MOUNTAIN D, Robinson A, Pershing A, Hayhoe K, RICHARDS RA, MANNING J. 2008. Potential climate change impacts on marine resources of the northeastern United States. Synthesis report of the Northeast Climate Impacts Assessment (NECIA). Chap 3:p 33-45. [WH]
- FRIEDLAND K. 2008. Decline and recovery of fish stocks and fisheries off the US northeast coast. Kungl. Skogs-och Lantbruksakademiens Tidskrift. 2(147):25-35. [NG]
- FRIEDLAND KD, HARE JA, Wood G, COL LA, Buckley LJ, MOUNTAIN DG, KANE JJ. 2008. Does the fall phytoplankton bloom control recruitment of Georges Bank haddock *Melanogrammus aeglefinus* through parental condition? Can J Fish Aquat Sci. 65:1076-1086. [NG]

- Fukami H, Chen CA, Budd AF, COLLINS AG, Wallace C, Chuang YY, Chen C, Dai CF, Iwao K, Sheppard C, Knowlton N. 2008. Mitochondrial and nuclear genes suggest that stony corals are monophyletic but most families of stony corals are not (Order Scleractinia, Class Anthozoa, Phylum Cnidaria). PLoS ONE. 3(9). [NS]
- Galimany E, Sunila I, HÉGARET H, Ramón M, WIKFORS GH. 2008. Experimental exposure of the blue mussel, *Mytilus edulis L.*, to the toxic dinoflagellate *Alexandrium fundyense*: histopathology, immune responses, and recovery. Harmful Algae. 7(2008):702-711. [MF]
- Galimany E, Sunila I, HÉGARET H, Ramón M, WIKFORS GH. 2008. Pathology and immune response of the blue mussel, *Mytilus edulis L*. after an exposure to the harmful dinoflagellate *Prorocentrum minimum*. Harmful Algae. 7(2008):630-638. [MF]
- Greenfield DW, Winterbottom R, COLLETTE BB. 2008. Review of the toadfish genera (*Teleostei: Batrachoididae*). Proc Calif Acad Sci. 59(15):665-710. [NS]
- Gregg W, Casey N, O'REILLY J, Esaias W. 2008. An empirical approach to ocean color data: reducing bias and the need for post-launch radiometric re-calibration. Remote Sens Environ. 113(8)/1598-1612. [NG]
- HAAS H, LaCasella E, Leroux R, MILLIKEN HO, HAYWARD B. 2008. Characteristics of sea turtles incidentally captured in the US Atlantic sea scallop dredge fishery. Fish Res. 93(2008):289-295. [WH]
- Hartel KE, Kenaley CP, GALBRAITH JK, Sutton TT. 2008. Additional records of deep-sea fishes from off greater New England. Northeast Nat. 15(3):317-334. [WH]
- Hatch L, Clark C, MERRICK RL, VAN PARIJS S, Ponirakis D, Schwehr K, Thompson M, Wiley D. 2008. Characterizing the relative contributions of large vessels to total ocean noise fields: a case study using the Gerry E. Studds Stellwagen Bank National Marine Sanctuary. Environ Manage. 42(5):735-752. [OR]
- HEGARET H, Shumway SE, WIJKFORS GH, Pate S, Burkholder JM. 2008. Potential transport of harmful algae via relocation of bivalve molluscs. Mar Ecol Prog Ser. 361:169–179. [MF]
- Henry L-A, NIZINSKI MS, Ross SW. 2008. Occurrence and biogeography of hydroids, *Cnidaria: Hydrozoa*, from deep-water coral habitats off the southeastern United States. Deep-Sea Res I. 55(2008):788-800. [NS]
- Hofmann EE, Druon J-N, Fennel K, Friedrichs M, Haidvogel D, Lee C, Mannino A, McClain C, Najjar R, O'REILLY JE, Pollard D, Previdi M, SEITZINGER S, Siewert J, Signorini S, Wilkin J. 2008. Eastern US continental shelf carbon budget integrating models, data assimilation, and analysis. Oceanography. 21(1):86-104. [NG]
- Horodysky AZ, BRILL RW, Fine ML, Musick JA, Latour RJ. 2008. Acoustic pressure and particle motion thresholds in six sciaenid fishes. J Exp Biol. 211:1504-1511. [VA]

- Horodysky AZ, BRILL RW, Warrant EJ, Musick JA, Latour RJ. 2008. Comparative visual function in five sciaenid fishes inhabiting Chesapeake Bay. J Exp Biol. 211:3601-3612. [VA]
- HYDE KJW, O'REILLY JE, Oviatt CA. 2008. Evaluation and application of satellite primary production models in Massachusetts Bay. Cont Shelf Res. 28(10-11):1340-1351. [NG]
- Jankowski T, COLLINS AG, Campbell R. 2008. Global diversity of inland water cnidarians. In: Balian EV, Lévêque C, Segers H, Martens K, guest editors. Freshwater Animal Diversity Assessment. Hydrobiologia. 595(1):35-40. [NS]
- Jin D, THUNBERG E, Hoagland P. 2008. Economic impact of the 2005 red tide event on commercial shellfish fisheries in New England. Ocean Coastal Zone Manage. 51:420-429. [WH]
- Johnson AK, RICHARDS RA, Cullen DW, SUTHERLAND SJ. 2008. Growth, reproduction, and feeding of large monkfish, *Lophius americanus*. ICES J Mar Sci. 65: 1306–1315. [WH]
- KANE J. 2008. A comparison of two zooplankton time series data collected in the Gulf of Maine. J Plankton Res. 31(3):249-259. [RI]
- Kneebone J, NATANSON LJ, Andrews AH, Howell WH. 2008. Using bomb radiocarbon analyses to validate age and growth estimates for the tiger shark *Galeocerdo cuvier* in the western North Atlantic. Mar Biol (Berl). 154:423-434. [NG]
- Kristiansen T, LOUGH RG, Werner FE, BROUGHTON EA, Buckley LJ. 2008. Individual based modeling of feeding ecology and prey selectin of larval cod on Georges Bank. Mar Ecol Prog Ser. 376:227-243. [WH]
- Link JS, BURNETT J, KOSTOVICK P, GALBRAITH JK. 2008. Value-added sampling for fishery independent surveys: don't stop after you're done counting and measuring. Fish Res. 93:229-233. [WH]
- LINK JS, OVERHOLTZ WJ, O'REILLY JE, GREEN JR, DOW DD, PALKA DL, LEGAULT CM, VITALIANO JJ, GUIDA VG, FOGARTY MF, BRODZIAK JKT, METHRETTA E, STOCKHAUSEN W, COL L, WARING GT, GRISWOLD C. 2008. The northeast US continental shelf Energy Modeling and Analysis exercise (EMAX): ecological network model development and basic ecosystem metrics. J Mar Sys. 74(1-2):453-474. [WH]
- LINK JS, SOSEBEE KA. 2008. Estimates and implications of skate consumption in the northeastern US continental shelf ecosystem. N Am J Fish Manage. 28(3):649-662. [WH]
- LOUGH RG, O'BRIEN L, Buckley LJ. 2008. Differential egg mortality of Georges Bank cod and haddock inferred from two independent estimates of seasonal egg production. J Northwest Atl Fish Sci. 41:119-128. [WH]
- MACKENZIE CL Jr. 2008. The bay scallop, *Argopecten irradians*, Massachusetts through North Carolina: its biology and the history of its habitats and fisheries. Mar Fish Rev. 70(3-4): 6-79. [SH]

- MACKENZIE CL Jr. 2008. History of the bay scallop, *Argopecten irradians*, fisheries and habitats in eastern North America, Massachusetts through northeastern Mexico. Mar Fish Rev. 70(4):1-5. [SH]
- MACLEAN SA, CALDARONE EM, St. Onge-Burns JM. 2008. Estimating recent growth rates of Atlantic salmon smolts using RNA-DNA ratios from non-lethally sampled tissue. Trans Am Fish Soc. 137(5):1279-1284. [NG]
- MANDERSON JP. 2008. The spatial scale of phase synchrony in winter flounder, *Pseudopleuronectes americanus*, production increased among southern New England nurseries in the 1990s. Can J Fish Aquat Sci. 65:340-351. [SH]
- Mann DA, Hawkins AD, JECH JM. 2008. Active and passive acoustics to locate and study fish. In: Webb JF, Fay RR, Popper AN, editors. Fish Bioacoustics. Springer Handbook of Auditory Research 32. p 279-310. [WH]
- MCBRIDE RS, Holder JC. 2008. A review and updated assessment of Florida's anadromous shads: American shad and hickory shad. N Am J Fish Manage. 28(6):1668-1686. [WH]
- MCBRIDE RS, Richardson AK, Maki KL. 2008. Age, growth, and mortality of wahoo, *Acanthocybium solandri*, from the Atlantic coast of Florida and Bahamas. Mar Fresh Wat Res. 59(9):799-807. [WH]
- MCBRIDE RS, Thurman PE, Bullock LH. 2008. Regional variations of hogfish, *Lachnolaimus maximus*, life history: consequences for spawning biomass and egg production models. J Northw Atl Fish Sci. 41:1-12. [WH]
- McCarthy JL, FRIEDLAND KD, Brodziak JKT. 2008. Enhancement of image based fecundity methods: gravimetric sampling at sea and safer sample preservation. Fish Res. 65:47-53. [NG]
- McCarthy JL, FRIEDLAND KD, Hansen LP. 2008. Monthly indices of the post-smolt growth of Atlantic salmon from the Drammen River, Norway. J Fish Biol. 72:1572-1588. [NG]
- MERCALDO-ALLEN R, KUROPAT C, CALDARONE E. 2008. An RNA:DNA-based growth model for young-of-the-year winter flounder, *Pseudopleuronectes americanus* (Walbaum). J Fish Biol. 72(6):1321-1331. [MF]
- Morete ME, Bisi T L, PACE RM, Rosso S. 2008. Fluctuating abundance of humpback whales (*Megaptera novaeangliae*) in a calving ground off coastal Brazil. J Mar Biol Assoc UK. 88: p 1229-1235. [WH]
- MOUNTAIN DG, Green J, Sibunka J, JOHNSON D. 2008. Growth and mortality of Atlantic cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) eggs and larvae on Georges Bank, 1995 to 1999. Mar Ecol Prog Ser. 353:225-242. [WH]
- NATANSON LJ, Wintner SP, Johansson F, Piercy A, Campbell P, De Maddalena A, Gulak SJB, Human B, Fulgosi FC, Ebert DA, Fong JD, Hemida F, Mollen FH, Vanni S, Burgess GH, Compagno

- LJV, Wedderburn-Maxwell A. 2008. Ontogenetic vertebral growth patterns in the basking shark (*Cetorhinus maximus*). Mar Ecol Prog Ser. 361:267-278. [NG]
- OVERHOLTZ WJ, JACOBSON LD, LINK JS. 2008. An ecosystem approach for assessment advice and biological reference points for the Gulf of Maine–Georges Bank Atlantic herring complex. N Am J Fish Manage. 28(1):247-257. [WH]
- PALMER MC. 2008. Calculation of distance traveled by fishing vessels using GPS positional data: a theoretical evaluation of the sources of error. Fish Res. 89:57-64. [WH]
- Patel SE, Burkholder JM, Shumway SE, HEGARET H, WIKFORS GH, Frank D. 2008. Potential transport of harmful algae via relocation of bivalve molluscs. Mar Ecol Prog Ser. 361:169-179. [MF]
- Patrician MR, Biedron IS, Esch HC, WENZEL FW, Cooper LA, Hamilton PK, GLASS AH, Bamgartner MF. 2008. Evidence of a North Atlantic right whale calf (*Eubalaena glacialis*) born in northeastern US waters. Mar Mamm Sci. 25(2):462-477. [WH]
- PERRY DM, Klein-MacPhee G, Keller A. 2008. Early induction of spawning of tautogs and comparison of growth rates of larvae from early and normally spawned broodstocks [Communication]. N Am J Aqua. 70(3):365-369. [MF]
- Persson A, SMITH BC, DIXON MS, WIKFORS GH. 2008. The eastern mudsnail, *Ilyanassa obsoleta*, actively forages for, consumes, and digests cysts of the dinoflagellate, *Scrippsiella lachrymosa*. Malacologia. 50(1-2):341-345. [MF]
- Persson A, SMITH BC, WIKFORS GH, Alix JH. 2008. Dinoflagellate gamete formation and environmental cues: observations, theory and synthesis. Harmful Algae. 7(2008):798-801. [MF]
- Peyronnet A, FRIEDLAND KD, O'Maoileidigh N. 2008. Different ocean and climate factors control the marine survival of wild and hatchery salmon (*Salmo salar*, L.) in the northeast Atlantic. Journal of Fish Biol. 73:945-962. [NG]
- PINTO DA SILVA P, Hall-Arber M. 2008. Weathering the storms: vulnerability and resilience in the northeast fishing industry. Hum Ecol Rev. 15(2). [WH]
- Pollnac RB, Abbott-Jamieson S, Smith C, Miller ML, CLAY PM, Oles B. 2008. Toward a model for fisheries social impact assessment. Mar Fish Rev. 68(1-4):1-18. [WH]
- Randall JE, MUNROE TA. 2008. *Soleichthys dori*: a new sole (*Pleuronectiformes Soleidae*) from the Red Sea. Electron J Ichthyol. 4(2)76-84. [NS]
- RICHARDS A, NITSCHKE P, SOSEBEE K. 2008. Population biology of monkfish *Lophius americanus*. ICES J Mar Sci. 65(7)1291-1305. [WH]
- Schofield D, Matassa K, Beekman G, Whitaker B, Perryl C, Gebhard E, Early G, Walton W, Swingle M, WENZEL F. 2008. The rehabilitation and homing behavior of a satellite tracked harbor porpoise (*Phocoena phocoena*). Aquat Mammals. 34(1):1-8. [WH]

- Shigeno S, Sasaki T, Moritaki T, Kasugai T, VECCHIONE M, Agata K. 2008. Evolution of the cephalopod head complex by assembly of multiple molluscan body parts: evidence from nautilus embryonic development. J Morphol. 269:1-17. [NS]
- Skov H, Gunnlaugsson T, Budgell WP, Horne J, Nøttestad L, Olsen E, Søiland H, Víkingsson G, WARING G. 2008. Small-scale spatial variability of sperm and sei whales next term in relation to oceanographic and topographic features along the Mid-Atlantic Ridge. Deep-Sea Res II. 55:254-268. [WH]
- Southwood A, Fritsches K, BRILL RW, Swimmer Y. 2008. Sound, chemical, and light detection in sea turtles and pelagic fishes: sensory-based approaches to bycatch reduction in longline fisheries. Endang Species Res. 5(2-3):225-238. [VA]
- STEINBACK S, Allen R, THUNBERG E. 2008. The benefits of rationalization: the case of the American lobster fishery. Mar Resour Econ. 23:37-63. [WH]
- TAYLOR MH, MOUNTAIN DG. 2008. The influence of surface layer salinity on wintertime convection in Wilkinson Basin, Gulf of Maine. Cont Shelf Res. 29:433-444. [WH]
- TYRRELL MC, LINK JS, MOUSTAHFID H. 2008. Evaluating the effect of predation mortality on forage species population dynamics in the northwest Atlantic continental shelf ecosystem: an application using multi-species virtual population analysis. ICES J Mar Sci. 65:1689-1700. [WH]
- Unger MA, Harvey E, Vadas GG, VECCHIONE M. 2008. Persistent pollutants in nine species of deep-sea cephalopods. Mar Pollut Bull. 5(8):1498-1500. [NS]
- Vandersea MW, Litaker RW, MARANCIK KE, HARE JA, Walsh HJ, Lem S, West MA, Wyanski DM, Laban EH, Tester PA. 2008. Identification of larval sea basses *Centropristis* spp, using ribosomal DNA-specific molecular assays. Fish Bull. 106:183-193. [NG]
- Wahle R, Bergeron C, CHUTE A, JACOBSON L, Chen Y. 2008. The northwest Atlantic deep sea red crab, *Chaceon quinquedens*, populations before and after the onset of harvesting. J Shellfish Res. 27(4):1059-1060. [WH]
- WARING GT, PALKA DL. 2008. North Atlantic marine mammals. In: Perrin W, Wursig B, Thewissen J, editors. Encyclopedia of Marine Mammals. San Diego [CA]: Academic Press. p 802-805. [WH]
- WIDMAN JC Jr, MESECK SL, SENNEFELDER G, VEILLEUX D. 2008. Toxicity of un-ionized ammonia, nitrite, and nitrate to juvenile bay scallops, *Argopecten irradians irradians*. Arch Environ Contam Toxicol. 54(3):460-465. [MF]
- WILEY DN, Moller JC, PACE RM 3rd, Carlson C. 2008. Effectiveness of voluntary conservation agreements: case study of endangered whales and commercial whale watching. Conserv Biol. 22:450-457. [WH]

- WUENSCHEL M, ABLE KW. 2008. Swimming ability of eels (*Anguilla rostrata*, *Conger oceanicus*) at estuarine ingress: contrasting patterns of cross-shelf transport. Mar Biol. 154(5):775-786. [WH]
- ZISKOWSKI J, MERCALDO-ALLEN R, PEREIRA J, KUROPAT C, GOLDBERG R. 2008. The effects of fin rot disease and sampling method on blood chemistry and hematocrit measurements of winter flounder, *Pseudopleuronectes americanus*, from New Haven Harbor (1987-1990). Mar Pollut Bull. 56:740-750. [MF]

#### **Reports**

- CADRIN SX. 2008. Current guidelines for identifying conservation units under the Magnuson/Stevens Fishery Conservations and Management Act. In: Conservation units of managed fish, threatened or endangered species, and marine mammals: Report of a workshop: 2006 February 14-16, Silver Spring, Maryland; NOAA Tech Memo NMFS OPR. 37; p 18-19. [WH]
- CADRIN SX. 2008. Stock identification of New England groundfish. In: Conservation units of managed fish, threatened or endangered species, and marine mammals: Report of a workshop: 2006 February 14-16, Silver Spring, Maryland; NOAA Tech Memo NMFS OPR. 37; p.25-27. [WH]
- Clapham PJ, PACE RM 3rd. 2008. Humpback whale: Gulf of Maine stock definition. In: Conservation Units of Managed Fish, Threatened or Endangered Species, and Marine Mammals: Report of a Workshop: 2006 February 14-16, Silver Spring, Maryland; NOAA Tech Memo NMFS OPR. 37; p 34-37. [WH]
- DeAlteris J, Silva R. 2008. Performance in 2004 and 2005 of an alternative leader design on the bycatch of sea turtles and the catch of finfish in Chesapeake Bay pound nets, offshore Kiptopeake. VANOAA Contract Grant No. EA1330-04-RQ-0076 and EA133F-05-RQ-1321. Final report; 47 p. [WH]. Available at: <a href="http://www.nefsc.noaa.gov/publications/series/reports.htm">http://www.nefsc.noaa.gov/publications/series/reports.htm</a>
- Eagle TC, CADRIN SX, Caldwell ME, Methot RD, Nammack MF. 2008. Conservation units of managed fish, threatened or endangered species, and marine mammals. Report of a workshop: 2006 February 14-16, Silver Spring, Maryland. NOAA Tech Memo NMFS OPR. 37; 100 p. [WH]
- Ecosystems Survey Branch. 2008. Resource survey report: bottom trawl survey, autumn 2007. Informal report; 36 p. [WH c/o L DESPRES]. <a href="http://www.nefsc.noaa.gov/esb/">http://www.nefsc.noaa.gov/esb/</a>
- Ecosystems Survey Branch. 2008. Resource survey report: bottom trawl survey, spring 2008. Informal report; 34 p. [WH c/o L DESPRES]. <a href="http://www.nefsc.noaa.gov/esb/">http://www.nefsc.noaa.gov/esb/</a>
- Ecosystems Survey Branch. 2008. Resource survey report: sea scallop survey, summer 2008. Informal report; 21 p. [WH c/o L DESPRES]. http://www.nefsc.noaa.gov/esb/
- GARNER LS. 2008. Northeast Fisheries Science Center publications, reports, abstracts, and web documents for calendar year 2007. NEFSC Ref Doc. 08-08; 32 p. [WH]. http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0808

- Gavaris S, O'BRIEN L, MAYO R. 2008. Update of allocation shares for Canada and the USA of the transboundary resources of Atlantic cod, haddock and yellowtail flounder on Georges Bank through fishing year 2009. TRAC Ref Doc. 2009(05); 29 p. [WH]
- Georgianna D, Kirkley J,THUNBERG E. 2008. The effect of days at sea limits on technical efficiency. Compiled by Ann L. Shriver. International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2008. In: Proceedings of the fourteenth biennial conference of the international Institute of Fisheries Economics & Trade, July 22-25, 2008, Nha Trang, Vietnam: Achieving a Sustainable Future: Managing Aquaculture, Fishing, Trade and Development. 26 p. [WH]
- GLASS AH, COLE TVN, GARRON M, MERRICK RL, PACE RM 3rd. 2008. Mortality and serious injury determinations for baleen whale stocks along the United States eastern seaboard and adjacent Canadian Maritimes, 2002-2006. NEFSC Ref Doc. 08-04; 18 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0804
- HART DR. 2008. Management units for sedentary stocks: the Atlantic sea scallop example. In: Conservation units of managed fish, threatened or endangered species, and marine mammals: Report of a Workshop: 2006 February 14-16, Silver Spring, Maryland; NOAA Tech Memo NMFS OPR. 37; p 30-31. [WH]
- KITTS A, Gates J. 2008. A vessel cost sampling model. Compiled by Ann L. Shriver. International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2008. In: Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade, July 22-25, 2008, Nha Trang, Vietnam: Achieving a Sustainable Future: Managing Aquaculture, Fishing, Trade and Development. 26 p. [WH]
- KITTS A, Schneider G, Lent R. 2008. Carbon footprint of commercial fishing in the northeast United States. Compiled by Ann L. Shriver. International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2008. In: Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade, July 22-25, 2008, Nha Trang, Vietnam: Achieving a Sustainable Future: Managing Aquaculture, Fishing, Trade and Development. 26 p. [WH]
- MERCALDO-ALLEN R, CALABRESE A. editors. 2008. Collected programs & abstracts of the Northeast Fishery Science Center's flatfish biology conferences, 1986-2002. NEFSC Ref Doc. 08-05; 377 p. [MF]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0805">http://www.nefsc.noaa.gov/publications/crd/crd0805</a>
- MERCALDO-ALLEN R (chair), CALABRESE A, DANILA DJ, DIXON MS, JEARLD A, MUNROE TA, Pacileo DJ, Powell C, SUTHERLAND SJ (steering committee members). 2008. 11<sup>th</sup> Flatfish Biology Conference Program and Abstracts, Dec. 3-4, 2008, Westbrook, CT. NEFSC Ref Doc. 08-19; 54 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0819/
- MERRICK RL, HAAS H. 2008. Analysis of Atlantic sea scallop, *Placopecetn magellanicus*, fishery impacts on the North Atlantic population of loggerhead sea turtles (*Caretta caretta*). NOAA Tech Memo NMFS NE. 207; 22 p.[WH]. http://www.nefsc.noaa.gov/publications/tm/tm207

- MURRAY K. 2008. Estimated average annual bycatch of loggerhead sea turtles (Caretta caretta) in US Mid-Atlantic bottom otter trawl gear, 1996-2004 (2nd edition). NEFSC Ref Doc. 08-20; 32 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd/0820/">http://www.nefsc.noaa.gov/publications/crd/crd/0820/</a>
- NIEMEYER M, COLE T, CHRISTMAN C, DULEY P, GLASS A. 2008. North Atlantic Right Whale Sighting Survey (NARWSS) and Right Whale Sighting Advisory System (RWSAS) 2007 results summary. NEFSC Ref Doc. 08-06; 6 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0806/">http://www.nefsc.noaa.gov/publications/crd/crd0806/</a>
- Northeast Fisheries Science Center. 2008. 46th Northeast Regional Stock Assessment Workshop (46th SAW) assessment report. NEFSC Ref Doc. 08-03a; 252 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0803/
- Northeast Fisheries Science Center. 2008. 46th Northeast Regional Stock Assessment Workshop (46th SAW) assessment report appendixes. NEFSC Ref Doc. 08-03b; 343 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd/0803/">http://www.nefsc.noaa.gov/publications/crd/crd/0803/</a>
- Northeast Fisheries Science Center. 2008. 46th Northeast Regional Stock Assessment Workshop (46th SAW) assessment summary report. NEFSC Ref Doc. 08-01; 24 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0801/">http://www.nefsc.noaa.gov/publications/crd/crd0801/</a>
- Northeast Fisheries Science Center. 2008. 47th Northeast Regional Stock Assessment Workshop (47th SAW) assessment report and appendixes. NEFSC Ref Doc. 08-12. 2,432 p. [WH]. <a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0812/">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0812/</a>
- Northeast Fisheries Science Center. 2008. 47th Northeast Regional Stock Assessment Workshop (47th SAW) assessment summary report. NEFSC Ref Doc. 08-11; 22 p. [WH]. http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0811/
- Northeast Fisheries Science Center. 2008. Appendix to the report of the 3rd Groundfish Assessment Review Meeting (GARM III): assessment of 19 Northeast groundfish stocks through 2007. Northeast Fisheries Science Center, Woods Hole, Massachusetts, August 4-8, 2008. NEFSC Ref Doc. 08-16; 1056 p. [WH]. http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0816/
- Northeast Fisheries Science Center. 2008. Assessment of 19 northeast groundfish stocks through 2007: report of the 3rd Groundfish Assessment Review Meeting (GARM III). Northeast Fisheries Science Center, Woods Hole, Massachusetts, August 4-8, 2008. NEFSC Ref Doc. 08-15; 884 p + xvii. [WH]. http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0815/
- NYE JA, BUNDY A, SHACKELL N, FRIEDLAND K, LINK J. 2008. Poissons sans frontiers: comparing contiguous surveys for major ecological and commercial species in the Northwest Atlantic, with a focus on trends, synchronies and coherences. ICES CM. 2008/E16; 16p. [WH]
- ORPHANIDES CD, PALKA DL. 2008. Bycatch of harbor porpoises in three US gillnet management areas: southern mid-Atlantic, offshore, and western Gulf of Maine. NEFSC Ref Doc. 08-09; 8 p. [NG]. http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0809/

- PACE RM III, Merrick RL. 2008. Northwest Atlantic ocean habitats important to the conservation of North Atlantic right whales (*Eubalaena glacialis*). NEFSC Ref Doc. 08-07; 24 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0807/
- PALKA DL. 2008. Predicted harbor porpoise bycatch under potential mitigation measure scenarios. NEFSC Ref Doc. 08-13; 4 p. [WH]. <a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0813/">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0813/</a>
- PALKA DL, ORPHANIDES CD. 2008. Predicted bycatch of harbor porpoises under various alternatives to reduce bycatch in the US Northeast and mid-Atlantic gillnet fisheries. NEFSC Ref Doc. 08-14; 31 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0814/">http://www.nefsc.noaa.gov/publications/crd/crd0814/</a>
- PALKA DL, ORPHANIDES CD. 2008. Harbor porpoise bycatch rates that indicate compliance with pinger regulations for the northeast gillnet fishery. NEFSC Ref Doc. 08-10; 13 p. [WH]. <a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0810/">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0810/</a>
- PERRY D. 2008. Black sea bass a potential new species for commercial production say US researchers. Hatchery International Magazine. Vol 9 p 18. [MF]
- ROUNTREE B, KITTS A, PINTO DA SILVA P. 2008. Complexities of collaboration in fisheries management: the northeast United States tilefish fishery. In: Townsend R, Shotton R, Uchida H (editors). Case studies in fisheries self governance. Rome (Italy) FAO: FAO Fisheries Technical Paper. No 504; 541 p. [WH]
- SENNEFELDER G. 2008. The Milford Laboratory: oysters, clams, scallops and fish too! A history of the National Marine Fisheries Service's Milford Laboratory's 80 years of service. CT DEP Wrack Lines. Spring/Summer 2008 8:1. [MF]
- SOSEBEE K. 2008. United States Research Report for 2007. NAFO Sci Counc Summ Doc. [WH]
- STEINBACK S, Gentner B. 2008. The economic contribution of marine angler expenditures in the United States, 2006. NOAA Tech Memo NMFS-F/SPO. 94; 301 p. [WH]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2008. Genetic approaches for the culture and restoration of bay scallops. CT Sea Grant. 08-16; 80 p. [MF]
- THUNBERG E. 2008. Trends in selected Northeast region marine industries. NOAA Tech Memo. NMFS/NE. 211; 107 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/tm/tm211/">http://www.nefsc.noaa.gov/publications/tm/tm211/</a>
- THUNBERG E, Jin D. 2008. The changing northeast United States marine-based economy. Compiled by Ann L. Shriver. International Institute of Fisheries Economics & Trade, Corvallis, Oregon, USA, 2008. In: Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade, July 22-25, 2008, Nha Trang, Vietnam: Achieving a Sustainable Future: Managing Aquaculture, Fishing, Trade and Development. 26 p.
- Van Eeckhaute L, TRAVER M, MAYO R, O'BRIEN L. 2008. Assessment of eastern Georges Bank haddock for 2008. TRAC Ref Doc. 2008/02; 81p. [WH]

- WARDEN M, ORPHANIDES C. 2008. Preparation of the Northeast Fisheries Observer Program gillnet data for use in bycatch analyses of protected species. NEFSC Ref Doc. 08-17; 44 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0817/">http://www.nefsc.noaa.gov/publications/crd/crd0817/</a>
- WIGLEY S, PALMER J, HERSEY P. 2008. A description of the allocation procedure applied to the 1994 to 2007 commercial landings data. NEFSC Ref Doc. 08-18; 61 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0818/
- WIGLEY SE, PALMER MC, BLAYLOCK J, RAGO PJ. 2008. A brief description of the discard estimation for the National Bycatch Report. NEFSC Ref Doc. 08-02; 35 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0802/

#### **Abstracts**

- ALADE LA, CADRIN SX, MILLER TJ, May EB. 2008. A simulation-based approach for assessing the performance of a yellowtail flounder, *Limanda ferruginea*, movement-mortality model [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- Barkley A, CADRIN SX, ALADE LA. 2008. Sensitivity of stock assessments of southern New England mid-Atlantic yellowtail flounder to alternative estimates of discard mortality [abstract]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook, CT. NEFSC Ref Doc 08-19; 54 p. [WH]. http://www.nefsc.noaa.gov/publications/crd/crd0819/
- Barkley A, CADRIN SX, Davis M. 2008. Application of reflex impairment to predict discard mortality of yellowtail flounder [abstract]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook, CT. NEFSC Ref Doc 08-19; 54 p. [WH]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd/0819/">http://www.nefsc.noaa.gov/publications/crd/crd/0819/</a>
- Baumgartner MF, WENZEL FW. 2008. Springtime foraging ecology of North Atlantic right whales. [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL). [WH]
- Belden D, WARING G, Gilbert JR, Williams A, PALKA DL. 2008. Characteristics of phocid seal bycatch in New England fisheries [abstract]. ICES/NAFO Joint Symposium on the Role of Marine Mammals in Ecosystems; 2008 Sep 29-Oct 1; Dartmouth, Nova Scotia (Canada). [WH]
- Belkin IM, O'REILLY JE. 2008. An algorithm for oceanic front detection in chlorophyll and sea surface temperature satellite imagery [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28 May 2; Adelphi (MD). [NG]
- Belkin IM, O'REILLY JE. 2008. Southward propogation of arctic/subarctic temperature anomalies along North America's eastern seaboard [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL); p 31. [NG]
- Belkin IM, O'REILLY JE. 2008. Southward propagation of Arctic/Subarctic temperature anomalies along North America's eastern seaboard [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL); 074-630. [NG]

- Bigelow T, CADRIN SX, DeAngelis B, Catena J. 2008. Estimates of abundance from mark-recapture analysis of v-notched American lobster [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- BLOGOSLAWSI WJ. 2008. Overview, 28th Milford Aquaculture Seminar [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):945. [MF]
- BROWN C. 2008. Overview of recent developments at the Milford Laboratory [abstract]. 28th Annual Milford Aquaculture Seminar; Feb 25-27, 2008; Milford (CT). J Shellfish Res. 27(4):945. [MF]
- BROWN C, Vera Cruz E, Bolivar RB, Borsk RJ. 2008. Evaluation of the use of insulin-like growth factor-I gene expression as an instantaneous growth indicator in the tilapia, *Oreochromis niloticus* [abstract]. Aquaculture America: World Aquaculture Society Annual Meeting; 2008 Feb 9-12; Lake Buena Vista (FL). [MF]
- Bundy A, LINK J, Smith B, Cook A. 2008. You are what you eat. . . whenever you eat it. . . an integrative analysis of fish food habits across different seasons in eastern US and Canadian waters. [abstract]. ICES Annual Science Conference, 2008 Sep 22-26, Halifax, Nova Scotia, (Canada). [WH]
- CADRIN SX, DeCelles G, Malkoski V. 2008. Consideration of behavioral units of winter flounder for conservation of essential fish habitat [abstract]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook, CT. NEFSC Ref Doc 08-19, 62 p. [WH] <a href="http://www.nefsc.noaa.gov/publications/crd/crd0819/">http://www.nefsc.noaa.gov/publications/crd/crd0819/</a>
- CADRIN SX, Goethel D, Wood A, ALADE L, MILLER T, LEGAULT C. 2008. Stock assessment applications of cooperative yellowtail flounder tagging programs [abstract]. 2008 Northeast Regional Tagging Symposium, Oct 17, 2008, University of New Hampshire; Durham (NH). [WH]
- CADRIN SX, LEGAULT C, Melgey J, Stokesbury K. 2008. Mark-recapture estimates of abundance for yellowtail flounder in a closed area on Georges Bank [abstract]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook, CT. NEFSC Ref Doc 08-19, 54 p. [WH] <a href="http://www.nefsc.noaa.gov/publications/crd/crd0819/">http://www.nefsc.noaa.gov/publications/crd/crd0819/</a>
- CADRIN SX, Melgey J, Loehrke J, LEGAULT C. 2008. Evaluation of closed areas using yellowtail flounder tagging studies [abstract]. 2008 Northeast Regional Tagging Symposium; Oct 17, University of New Hampshire; Durham (NH). [NB]
- CADRIN SX, Pastoors M. 2008. Precautionary harvest policies and the uncertainty paradox [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [NB]
- CALDARONE E, MacLean SA. 2008. A comparison of three potential non-lethal methods for estimating condition and growth rates in Atlantic salmon smolts (*Salmo salar*) [abstract]. AFS Early Life History Section Larval Fish Conference; 2008 Aug 4-7; Kiel (Germany). [NG]
- Chambers RC. 2008. General thermal effects on the ontogenetic rates expressed in the early life history of fishes [abstract]. 2008 Larval Fish Conference; 2008 Aug 4-7; Kiel (Germany). [SH]

- CHOROMANSKI J, STILES S, JEFFRES D. 2008. An overview of genetic studies on commercial species of bivavles [abstract]. UJNR Aquaculture Panel. 36th Scientific Symposium. Aquaculture Technologies for Invertebrates; 2008 Oct 29-30; University of New Hampshire, Durham (NH). [MF]
- CHUTE AS, HART DR, WAINWRIGHT SC. 2008. Verification of annual growth increments on the shells of Atlantic sea scallops (*Placopecten magellanicus*) by stable isotopes and by tracking cohorts in fishery closure areas [abstract]. J Shellfish Res 27/998. [WH]
- CLAY PM, Abbott-Jamieson S. 2008. Sociocultural analysis in the National Marine Fisheries Service: an historical overview and a look forward [abstract]. Annual meeting of the Society for Applied Anthropology; 2008 Mar 25-29; Memphis (TN); p 92. [WH]
- Cogan C, Todd B, NOJI T, Lawton P. 2008. The role of marine habitat mapping in ecosystem based management [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [SH]
- COLE T, GLASS A, Hamilton P, DULEY P, NIEMEYER M, CHRISTMAN C, Frasier T. 2008. Right whales on Jordan Basin in winter [abstract]. Northern Right Whale Consortium Annual Meeting; 2008 Nov 5-6; New Bedford Whaling Museum, New Bedord (MA). [WH]
- Coll M, Shannon LJ, Shin YJ, Yemane D, Lee JB, LINK J, Aydin K, Jouffre D, Borges F, Ojaveer H, Labrosse P, Neira S. 2008. Ranking relative status of exploited marine ecosystems using multiple ecological indicators on states and trends [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [WH]
- COLLETTE BB. 2008. Bar-coding fishes of the Gulf of Maine [abstract]. Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada). [NS]
- COLLETTE BB, Carpenter K. 2008. Why red list tunas and billfishes? [abstract]. 59th Tuna Conference; 2008 May 19-22; Lake Arrowhead (CA). [NS]
- DeCelles G, CADRIN SX. 2008. Movement patterns of winter flounder in Plymouth Bay, MA [abstract]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook, CT. NEFSC Ref Doc 08-19; 54 p. [NB]. <a href="http://www.nefsc.noaa.gov/publications/crd/crd0819/">http://www.nefsc.noaa.gov/publications/crd/crd0819/</a>
- Demer D, JECH M, and 16 co-authors. 2008. Surveying with a sound and sight seeing submarine [abstract]. International SEAFACTS Symposium; 2008 Jun 16-20; Bergen (Norway). [WH]
- Dickhut RM, DESHPANDE AD, Cincinelli A, Cochran, MA, Corsolini S, BRILL R. 2008. PCBs and pesticides as novel tracers for determining bluefin tuna *Thunnus thynnus* [abstract]. SETAC 2008 Meeting; Nov 16-20; Tampa (FL). [SH]
- DIXON M, WIKFORS G. 2008. A review of microalgal culture techniques, with a focus on shellfish hatchery production [[abstract]]. Northeast Aquaculture Conference and Expostion; 2008 Dec 3-5; Portland (ME). [MF]

- DUFFY W, Oliveria KM, MCBRIDE R, CADRIN SX. 2008. Is Cating's method of transverse counts to annuli in American shad (*Alosa sapidissima*) applicable to rivers other than the Hudson? [abstract]. Joint Meeting of Ichthyologists and Heretologists; Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada) [WH]
- Fare R, Kirkley J, WALDEN J. 2008. Measuring technical efficiency with undesirable outputs and changing fishery regulations: a comparison of frontier approaches [abstract]. North American Workshop on Efficiency and Productivity Analysis; 2008 Jun 24-27; New York (NY). [WH]
- Fox DA, Savoy TF, MANDERSON JP. 2008. A large-scale collaborative approach to telemetry in the eastern US: the Atlantic Cooperative Telemetry (ACT) Network [abstract]. Third International Biologging Science Symposium; 2008 Sep 1-5; Pacific Grove (CA). [SH]
- FRIEDLAND K. 2008. Does the fall bloom control recruitment of Georges Bank haddock Melanogrammus aeglefinus through parental condition? [abstract]. 2008 Ocean Sciences Meeting: From the Watershed to the Global Ocean; 2008 2-7 Mar; Orlando (FL). [NG]
- FRIEDLAND K. 2008. The recruitment of Atlantic salmon [abstract]. SMAST; Oct 23, 2008. [NG]
- Friedrichs M, Hofmann E, Cahill B, Fennel K, Haidvogel D, HYDE K, Lee C, Mannino A, McClain C, Najjar R, O'REILLY J, Pollard D, Signorini S, Wilkin J, Xue J. 2008. Eastern US continental shelf carbon budget: integrating models, data assimilation, and analysis [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28-May 2; Adelphi (MD). [NG]
- Galimany E, Sunila I, Hégaret H, Ramón M, WIKFORS GH. 2008. Contrasting responses of blue mussels to two different HAB species [abstract]. 13th International Conference on Harmful Algae; 2008 Nov 3-7; Hong Kong (China). [MF]
- Gates J, KITTS A. 2008. A vessel cost sampling model [abstract]. International Institute of Fisheries Economics and Trade (IIFET); 2008 Jul 15-18; Nha Trang (Vietnam). [WH]
- GLASS AH, COLE TVN, GARRON M, MERRICK RL, PACE RM 3rd. 2008. Mortality and serious injury determinations for baleen whale stocks along the United States Eastern seaboard and adjacent Canadian maritimes, 2002-2006 [abstract]. The Northeast Region Stranding Conference; 2008 Apr 16- 20; Providence (RI). [WH]
- Goethel DR, LEGAULT CM, CADRIN SX. 2008. A spatially explicit model of yellowtail flounder [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- GOLDBERG R, Tettelbach S. 2008. The history and status of bay scallop, *Argopecten irradians irradians*, populations in Connecticut and New York [abstract]. 100th Annual Meeting of the National Shellfisheries Association; 2008 Apr 6-10; Providence (RI). J Shellfish Res 27(4):1012. [MF]
- GUIDA VG. 2008. Canyons as fisheries "hot spots": habitat complexity and the value of large submarine landforms. [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Hallifax, Nova Scotia (Canada). [SH]

- Harman K, PHELAN B. 2008. Estimating true growth and body condition in coastal bluefish [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [SH]
- HART D. 2008. Rotational management of Atlantic sea scallops, *Placopecten magellanicus*, in theory and practice [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [WH]
- HART DR, CHUTE AS. 2008. Analysis of sea scallop, *Placopecten magellanicus*, growth from shell increment data using linear mixed effects models. [abstract].100th Annual Meeting of the National Shellfisheries Association; 2008 Apr 6-10; Providence (RI). J Shellfish Res. 27(4):1015. [WH]
- HAWKES JP, SAUNDERS R, Vashon A. 2008. Managing the impacts of double-crested cormorant predation on endangered Atlantic salmon smolts [abstract]. 2008 Research Forum: Maine Atlantic Salmon and Their Ecosystems; 2008 Jan 8-9; Orono (ME) p 13. [OR]
- HEGARET H, Smolowitz RM, WIKFORS GH, DeFaveri J, Walton W, Murphy D, Shumway SE. 2008. Effect of temperature on hemocyte responses of Northern quahogs, *Mercenaria*, from different populations, infected by the protistan organism, quahog parasite unknown. [abstract].100th Annual Meeting of the National Shellfisheries Association; 2008 Apr 6-10; Providence (RI). [MF]
- Hofmann E, Fennel K, Friedrichs M, Haidvogel D, Lee C, Mannino A, McClain C, Najjar R, O'REILLY JE, Pollard D, Previdi M, Seitzinger S, Siewert J, Signorini S, Wilkin J. 2008. Eastern US continental shelf carbon budget: integrating models, data assimilation, and analysis [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28 May 2; Adelphi (MD). [NS]
- Hogan F, CADRIN SX, Oliveira K. 2008. Age validation of little skate and winter skate at egg and adult stages using tetracycline [abstract]. Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada). [NB]
- Hogan F, MacDonald A, CADRIN SX, SOSEBEE K. 2008. Seasonal temperature habitats of skate species in the Northeast American skate complex [abstract]. Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada). [WH]
- Horodysky AZ, BRILL RW, Warrant EJ, Musick JA, Latour RJ. 2008. Visual function in Chesapeake Bay's predatory fishes [abstract]. 8th International Congress on the Biology of Fish. 2008 Jul 28-Aug 1; Portland (OR). [VA]
- HYDE KJW. 2008. Seasonal and interannual variability of phytoplankton productin in Rhode Island and Block Island Sounds [abstract]. Ronald C Baird Sea Grant Science Symposium; 2008 Oct 19-21; Block Island (RI). [NG]
- HYDE KJW, O'REILLY JE, Belkin, IM. 2008. Satellite climatology of chlorophyll and SST fronts in the Northeast US Large Marine Ecosystem [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL) 059-1293. [NG]

- HYDE KJW, O'REILLY JE, SHERMAN K. 2008. Application of SST and ocean color products to the management of fisheries in Large Marine Ecosystems [abstract]. SAFARI: International Workshop on the Use of Remotely-sensed Data as an Aid to Fisheries Research and Fisheries Management; 2008 Mar 26-28; Dartmouth, Nova Scotia (Canada). [NG]
- Jann B, WENZEL FW, Berrow S, Knapp P, Allen J, Seton R, Monteiro V. 2008. Cape Verde Island humpback whales: past, present and future research concerns for this eastern North Atlantic population. [poster presentation]. European Cetacean Society 22nd Annual Meeting; 2008 Mar 10-12; Egmond aan Zee (Netherlands). [WH]
- JECH JM, OVERHOLTZ WJ, Michaels WL, Godlewski J. 2008. Introducing advanced sampling technologies to a long-term index: reducing or increasing uncertainty? [abstract]. 10th NOAA Fisheries Annual Social Sciences Meeting; 2008 May 6-8; Port Townsend (WA). [WH]
- KAPAREIKO D, WIKFORS GH, Alix JH. 2008. Effects of a shellfish-larval pathogen and a prospective probiotic bacterium on hemocyte functions of the oyster *Crassostrea virginica*: in vitro effects on mortality, phagocytosis, adhesion and oxidative burst [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):954-955. [MF]
- Kerr LA, CADRIN SX, Secor DH. 2008. The role of spatial dynamics in the stability, resilience, and productivity of fish populations [abstract]. Tidewater Chapter AFS; 2008 March 6-8; VIMS in Gloucester (VA). [NB]
- KOCIK J, HAWKES J, SHEEHAN TJ, MUSIC P, Beland KF. 2008. Assessing estuarine and coastal migration and survival of Atlantic salmon smolts in Maine using ultrasonic telemetry [abstract]. AFS Symposium: Challenges for Diadromous Fishes in a Dynamic Global Environment; 2007 Jun 18; Halifax, Nova Scotia (Canada). [OR]
- Kristiansen T, Vikebø F, Werner FE, Lough RG, Sundby S, Durbin EG. 2008. Factors determining growth and survival in the early life stages of North Atlantic cod: a comparative study between the NW Atlantic and Norwegian Sea ecosystems [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL); p 243. [WH]
- Lee MY, Chen HM, Shao KT, MUNROE TA. 2008. Taxonomic review of symphurine tonguefishes (*Symphurus: Cynoglossidae*) from Taiwanese waters [abstract]. Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada). [NS]
- LI Y, de Kermoysan G, Sunila I, Dixon M, WIKFORS G. 2008. ProteinChip(R) and SELDI-TOF-MS proteomic technology, a potential tool for detecting toxicity in a harmful marine dinoflagellate, *Prorocentrum minimum*. [abstract]. The 13th International Conference on Harmful Algae; 2008 November 3-7; Hong Kong (China). [MF]
- LI Y, Siddiqui G, WIKFORS GH. 2008. Initial efforts to determine sex and developmental stage in the eastern oyster, *Crassostrea virginica*, using SELDI protein profiling technology [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):955-956. [MF]

- LI Y, VEILLEUX D, WIKFORS GH, Smith BC. 2008. Particle removal by bay scallops, *Argopecten irradians*, in a semi-natural setting [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):955. [MF]
- LINK JS, Megrey BA, Gjoesaeter H, Stockhausen W, Skaret G, OVERHOLTZ W, Gaichas S, Dommasnes A, Falk-Petersen J, Meuter F. 2008. A comparison of biological trends from four northern hemisphere marine ecosystems [abstract]. 2008 Ocean Science Meeting; 2008 Mar 2-7; Orlando (FL). [WH]
- LINK JS, NYE J. 2008. Meta-analysis of changing spatial distribution of Northwest Atlantic fish and invertebrate stocks in relation to temperature and stock structure. [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [WH]
- LIPSKY C, Dill R. 2008. Penobscot River Atlantic salmon (*S. salar*) studies, 2000-2006 [abstract]. International Symposium on Advances in Fish Tagging and Marking Technology; 2008 Feb 24-28; Auckland (New Zealand). [OR]
- LIPSKY C, Kulik B, Mueller A-M. 2008. Using hydroacoustics to enumerate and identify Atlantic salmon smolts in the Sheepscot River: is it feasible? [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- Loehrke J, Martins D, CADRIN SX. 2008. Consideration of spatial patterns in modeling and managing spawning groups of cod [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- Loehrke JL, Martins D, CADRIX SX, Correia SJ, Tallack S. 2008. Visualization of conventional tagging data: a methodological comparison [abstract]. 2008 Northeast Regional Tagging Symposium; 2008 Oct 17; University of New Hampshire, Durham (NH). [NB]
- MACKENZIE C Jr. 2008. History of the bay scallop (*Argopecten irradians*) [abstract]. J Shellfish Res. 27(4): 1027. [SH]
- MANDERSON J. 2008. Cross scale translation of sub-population level nursery habitat dynamics to metapopulation level recruitment dynamics: a case study combining generalized additive habitat suitability modeling with analyses of spatial synchrony. [abstract]. The Seventh William R. and Lenore Mote International Symposium in Fisheries Ecology; 2008 Nov 11- 13; Sarasota (FL). [SH]
- MANNING JP, McGillicuddy DJ, Churchill JH, Incze L. 2008. Observations of Gulf of Maine's coastal current [abstract]. 2008 Ocean Sciences Meeting; 2008 Mar 2-7; Orlando (FL); p 285. [WH]
- Marra J, O'REILLY J, HYDE KJW. 2008. A new algorithm for calculating productivity from ocean color derived chlorophyll a [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28 May 2; Adelphi (MD); np. [NG]
- Martins D, Loehrke JL, CADRIN SX. 2008. An overview of the SMAST cod tagging program, August 2000 to present [abstract]. 2008 Northeast Regional Tagging Symposium; 2008 Oct17, University of New Hampshire; Durham (NH). [NB]

- MCBRIDE RS, Fitzhugh G, Collins A. 2008. A case study of hogfish *Lachnolaimus maximus*: fish houses, hard parts, sex change and SEDAR. [abstract]. Florida Chapter of the Am Fish Soc. 27th Annual Meeting; 2008 Feb 19-21; Ocala (FL). [WH]
- MCBRIDE RS, Fitzhugh G, Lombardi-Carlson L, Cook M. 2008. Assessing reef fish reproductive potential: time for new direction? [abstract]. Florida Chapter of the Am Fish Soc. 27th Annual Meeting; 2008 Feb 19-21; Ocala (FL). [WH]
- MCBRIDE RS, Fitzhugh G, Lombardi-Carlson L, Cook M, Porch C. 2008. Assessing reef fish reporductive potential: time for new direction? [abstract]. 10th National Stock Assessment Workshop; 2008 May 6-8; Port Townsend (WA). [WH]
- MCBRIDE RS, Fitzhugh G, WUENSCHEL M, BURNETT J. 2008. The biological basis of egg production and the implications for stock assessment models [abstract]. 10th National Stock Assessment Workshop; 2008 May 6-8; Port Townsend (WA). [WH]
- McClain C, Signorini S, Mannino A, O'REILLY J. 2008. Remote sensing analyses in support of the eastern US continental shelf carbon budget study [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28 May 2; Adelphi (MD). [NG]
- Melgey J, CADRIN SX, LEGAULT C, Stokesbury K. 2008. Yellowtail flounder in a closed area on Georges Bank [abstract]. 11th Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook CT; NEFSC Ref Doc 08-19. [NB] <a href="http://www.nefsc.noaa.gov/publications/crd/crd0819/">http://www.nefsc.noaa.gov/publications/crd/crd0819/</a>
- Melgey J, CADRIN SX, Stokesbury K, LEGAULT C. 2008. Estimation of yellowtail flounder abundance using a Petersen mark-recapture experiment [poster]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa (Ontario) (Canada). [NB]
- MERCALDO-Allen R, KUROPAT C, CALDARONE E. 2008. An RNA:DNA-based growth model for young-of-the-year winter flounder *Pseudopleuronectes americanus* [poster]. Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook CT; NEFSC Ref Doc 08-19. [MF]. http://www.nefsc.noaa.gov/publications/crd/crd0819/
- MERRICK RL. 2008. Development of quantitative listing criteria under the U.S. Endangered Species Act. In: Rice J, Powles H, eds. Assessing marine fish species: Relating approaches based on reference points with approaches based on risk-of extinction criteria. A Workshop Organized by COSEWIC and DFO; 2007 Mar 20-22; Ottawa, Ontario (Canada). [WH]
- MERRICK R. 2008. Ecosystem approaches to management of marine mammals [abstract]. ICES/NAFO Joint Symposium on the Role of Marine Mammals in Ecosystems; 2008 Sep 29-Oct 1; Dartmouth, Nova Scotia (Canada). [WH]
- MESECK SL, Alix JH, Dixon MS, SMITH BG, WIKFORS GH. 2008. Can pH be used to control a cyanobacterial contaminant in phytoplankton feed cultures for bivalves? [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):957. [MF]

- Methratta ET, LINK JS. 2008. Spatially explicit variation in consumption rates: a case study from the Northeastern US Continental Shelf ecosystem. [abstract]. Chesapeake Modeling Symposium; 2008 May 12-14; Annapolis (MD). [WH]
- MILKE L, MESECK SL, WIKFORS GH. 2008. Development of an enzyme-linked immunosorbet assay (ELISA) for the detection of cortisol in bivalve molluscs [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):957. [MF]
- MILLER T. 2008. A finite-state continuous-time approach to estimating abundance and instantaneous migration and mortality rates for mixing stocks from tagging and catch data [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- MILLER T. 2008. Bycatch mortality of sturgeon in the northwest Atlantic Ocean [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- Morrison CL, NIZINSKI MS. 2008. A molecular perspective on galatheoid biodiversity at deep-sea coral and cold seep habitats in the northwest Atlantic Ocean [abstract]. Society for Integrative and Comparative Biology, 2008 Annual Meeting; 2008 Jan 2-6; San Antonio (TX); np. [NS]
- Morrison CL, Ross SW, NIZINSKI MS, Brooke S, Waller RG, Johnson RL, King TL. 2008. Genetic discontinuity among regional populations of *Lophelia pertusa* in the North Atlantic Ocean [abstract]. 4th International Deep Sea Coral Symposium; 2008 Dec 1-5; Wellington (New Zealand). [NS]
- MOUSTAHFID H, OVERHOLTZ WJ, LINK JS. 2008. The advantage of incorporating explicitly predation mortality in stock asssessment of small pelagic species. [abstract]. FAO Symposium on Science and the Challenge of Managing Small Pelagic Fisheries on Shared Stocks in Northwest Africa. FAO Symposium; 2008 Mar 11-14; Casablanca (Morocco). [WH]
- MOUSTAHFID H, OVERHOLTZ WJ, LINK JS, TYRRELL MC. 2008. The advantage of explicitly incorporating predation mortality into age-structured stock assessment models: an application ot Northwest Atlantic mackerel. [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- MUNROE TA, GLEDHILL D. 2008. Soleichthys species (*Pleuronectiformes: Soleidae*) occurring in marine waters off Queensland, Australia [[abstract]]. Annual meeting American Society of Ichthyologists and Herpetologists; 2008 Jul 23-28; Montreal, Quebec (Canada). [NS]
- MURRAY KT, Milliken HO. 2008. Estimating and reducing bycatch of sea turtles in the US Atlantic sea scallop fishery [abstract]. 17th International PICES Meeting; 2008 Oct 24 Nov 2; Dalian (PR China). [WH]
- MUSIC PA, HAWKES JP. 2008. Assessment of rotary screw trap environmental conditions and sampling effects on emigrating atlantic salmon smolts [abstract]. 2008 Research Forum: Maine Atlantic Salmon and Their Ecosystems; 2008 Jan 8-9; Orono (ME); p 18. [OR]
- Najjar RG, Siewert J, O'REILLY JE. 2008. Remineralization in the mid-Atlantic Bight and the Gulf of Maine inferred from climatologies of dissolved oxygen and primary production [abstract]. NASA

- Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28 May 2; Adelphi (MD). [NG]
- NIEMEYER M, COLE T, GLASS A, Duley P. 2008. The Right Whale Sighting Advisory System (RWSAS) in the Northeast and Mid-Atlantic: a six year review 2002-2007 [abstract]. Northern Right Whale Consortium Annual Meeting; 2008 Nov 5-6; New Bedford Whaling Museum, New Bedford (MA). [WH]
- NIZINSKI M, Mah C, Ross SW. 2008. Observations on species composition and distributional ecology of echinoderms from Lophelia backs off the southeastern United States [abstract]. 4th International Deep Sea Coral Symposium; 2008 Dec 1-5; Wellington (New Zealand). [NS]
- NOJI T, FROMM S, FROMM SE. 2008. Habitat suitability modeling using the Kostylev approach in support of fisheries management [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [SH]
- NYE JA, LINK JS, FOGARTY M, HARE J, OVERHOLTZ W, JACOBSON L. 2008. Overview of temperature-induced shifts in stock location in the Northwest Atlantic ecosystem [abstract]. FATE Annual Meeting; 2008 Aug 13-14; La Jolla (CA). [WH]
- ORPHANIDES C. 2008. Comparison of protected species bycatch estimating approaches: estimating harbor porpoise bycatch in U.S. Northwestern Atlantic gillnet fisheries [abstact]. ICES/NAFO Joint Symposium on the Role of Marine Mammals in Ecosystems; 2008 Sep 29-Oct 1; Dartmouth, Nova Scotia (Canada). [WH]
- PEREIRA JJ, Schultz ET, Auster P. 2008. Describing how fish use habitat: a new approach using geospatial modeling [abstract]. AFS SNEC Meeting; 2008 Jun 11; Storrs (CT). [MF]
- PINTO DA SILVA P, Abbott-Jamieson S. 2008. Voices from the fisheries: the use of oral histories in understanding the human dimensions of marine ecosystems [abstract]. Society for Applied Anthropology Annual Meeting; 2008 Mar 25-29; Memphis (TN). [WH]
- PINTO DA SILVA P, Abbott-Jamieson S, Heacock E. 2008. Voices from the fisheries online oral history database: consolidating efforts to document the human dimensions of marine resources through oral history [abstract]. Society for Applied Anthropology Annual Meeting; 2008 Mar 25-29; Memphis (TN). [WH]
- PINTO DA SILVA P, Holland D. 2008. Foundations for collaborative management in the NE groundfish fishery. Sustainability [abstract]. Center for International Development, Kennedy School of Government; Harvard University. [WH]
- PINTO DA SILVA P, KITTS A. 2008. Collaborative fisheries management in the NE US: emerging initiatives and future directions [abstract]. 10<sup>th</sup> NOAA Fisheries Annual Social Sciences Meeting; 2008 May 6-8; Port Townsend (WA). [WH]
- PINTO DA SILVA P, KITTS AW. 2008. Moving towards fisheries co-management in the Northeast US [abstract]. The 14th International Symposium on Society and Resource Management; 2008 Jun 10-14; Burlington (VT). [WH]

- PINTO DA SILVA P, Williams C. 2008. Fishing for work: the experience of recent female immigrants in the fish processing sector in New Bedford, Massachusetts [abstract]. 68th Society for Applied Anthropology Annual Meeting; 2008 Mar 25-29; Memphis (TN). [WH]
- Powers JE, BROOKS EN. 2008. Harvest control rules and user-group agendas: making the two compatible [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- Quattrini AM, Carlson, MCT, Ross SW, NIZINSKI MS. 2008. Mapping benthic habitat and megafauna on a deep-water coral mound off North Carolina, USA [abstract]. 4th International Deep Sea Coral Symposium; 2008 Dec 1-5; Wellington (New Zealand). [NS]
- Ratilal P, Gong Z, Coccuzzo D, Jagannathan S, Andrews M, Pena H, Patel R, Weber T, JECH M, Makris N. 2008. Spawning behaviour and spatial distribution of Atlantic herring on Georges Bank revealed by ocean acoustics waveguide remote sensing [abstract]. International SEAFACTS Symposium; 2008 Jun 16-20; Bergen (Norway). [WH]
- Rhoads A, Clark CW, Risch D, Weinrich M, VAN PARIJS SM. 2008. Winter patterns in North Atlantic right whale up calls throughout Jeffreys Ledge [abstract]. Northern Right Whale Consortium Annual Meeting; 2008 Nov 5-6; New Bedford Whaling Museum, New Bedford (MA). [WH]
- RICHARDS A, TAYLOR M, O'REILLY J. 2008. Environmental influences on recruitment of Northern shrimp (*Pandalus borealis*) [abstract]. 100th Annual National Shellfisheries Association Meeting; 2008 Apr 6 10; Providence (RI). [WH]
- RICHARDS A, TAYLOR M, O'REILLY J, HYDE K. 2008. Temperature effects on recruitment of northern shrimp *Pandalus borealis* in the Gulf of Maine may be mediated through matchmismatch with bloom timing [abstract]. 2008 ICES Annual Science Conference; 2008 Sep 22-26, Halifax, Nova Scotia (Canada). [WH]
- ROSSMAN M. 2008. Estimated bycatch of small cetaceans in Northeast U.S. bottom trawl fishing gear during 2000-2005 [abstract]. ICES/NAFO Joint Symposium on the Role of Marine Mammals in Ecosystems; 2008 Sep 29-Oct 1; Dartmouth, Nova Scotia (Canada). [WH]
- ROUNTREE B. 2008. New directions in the management of commercial fisheries: changes occurring in the NE USA [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- ROUNTREE B, KITTS A, PINTO DA SILVA P. 2008. Collaborative approaches to fisheries management in the Northeast US [abstract]. Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade; 2008 Jul 22-25; Nha Trang (Vietnam). [WH]
- Salce J, Relyea D, BLOGOSLAWSKI WJ. 2008. Reduction of predation and disease in *C. virginica* in bags and cages [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):960-961. [MF]

- Secor D, Kerr L, CADRIN SX. 2008. Obstinate nature and response diversity in an Atlantic herring metapopulation [abstract]. ICES Globec PICES International Symposium; 2008 Aug 26-29; Galway (Ireland). [NB]
- SHEPHERD G, MOSER J. 2008. Estimates of fishing and natural mortality of black sea bass in the mid-Atlantic based on a release-recapture experiment [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- SHEPHERD G, Nelson G, Meserve N. 2008. The restoration of Atlantic striped bass: the convergence of fisheries management, policy and science [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- SHERMAN K, Belkin I, FRIEDLAND K, O'REILLY J, HYDE K. 2008. Accelerated warming and emergent trends in fisheries biomass yeilds of the world's Large Marine Ecosystems [abstract]. Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade; 2008 Jul 22-25; Nha Trang (Vietnam). [NG]
- Siddiqui G, LI Y, Dixon MS, Pitchford S, Smith BC, WIKFORS GH. 2008. Quantification of growth and cholesterol content in juvenile oysters (*Crassostrea virginica*) fed a cholesterol-enriched microalgal diet [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):961-962. [MF]
- SMITH BC, DIXON MS. 2008. Where have all the scallops gone? Multi-year observations of the decline of *Argopecten irradians* in eastern Connecticut waters [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):962. [MF]
- SOSEBEE KA, RAGO PJ. 2008. Non-equilibrium sex-specific spatial patterns in spiny dogfish distribution and challenges for management [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2008. Aquaculture gentics and the domestication potential of bivalve mollusks [abstract]. National Technical Assoc Annual Meeting; 2008 Jun 11-13; Orange County (CA). [MF]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2008. An overview of bivalve gentics [poster]. 100th Annual National Shellfisheries Association Meeting; 2008 Apr 6 10; Providence (RI). [MF]
- STILES S, CHOROMANSKI J, JEFFRESS D. 2008. Genetic technology for the manipulation of cells and chromosomes in bivalve mollusks [poster]. Stem Cell Research Symposium; 2008 Sep17; Farmington (CT). [MF]
- STILES S, CHOROMANSKI J, JEFFRESS D, Pitchford S, Dimon C. 2008. Genetic aspects of bay scallop (*Argopecten irradians*) overwintering survival for restoration in the Niantic River [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):962-963. [MF]
- Stumpf R, HYDE K, Wynne T, Warner R, Tomlinson M, Litaker R, Holland C, Tester P. 2008. Application of MODIS data to coastal regions with Pamlico Sound, USA as an example

- [abstract]. NASA Carbon Cycle and Ecosystems Joint Science Workshop; 2008 Apr 28-May 2; Adelphi (MD). [NG]
- Sundaram R, BRILL R, Bushnell P. 2008. The repulsive and feeding deterrent effects of electropositive metals on juvenile sandbar sharks *Carcharhinus plumbeus* [abstract]. 9TH Annual Argonne Symposium for undergraduates in science, engineering and mathematics; 2008 Nov 7-8; Argonne National Laboratory, Argonne (IL). [VA]
- THUNBERG ET, Jin D. 2008. The changing Northeast United States marine-based economy [abstract]. Proceedings of the Fourteenth Biennial Conference of the International Institute of Fisheries Economics & Trade; 2008 Jul 22-25; Nha Trang (Vietnam). [WH]
- Trinko T, KEITH C, Saunders R, SHEEHAN T. 2008. The use of GIS based modeling to establish basin specific fisheries goals and prioritize restoration efforts in the Penobscot River Basin (Maine, USA) [abstract]. ICES Annual Science Conference; 2008 Sep 22-26; Hallifax, Nova Soctia (Canada). [WH]
- TYRRELL MC, MOUSTAHFID H, LINK JS. 2008. Evaluating the effect of predation mortality on forage species population dynamics in the Northeast US continental shelf ecosystem: an application using multispecies virtual population analysis [abstract]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- TYRRELL MC, Todd BJ, NOJI TT, Valentine PC, GUIDA VG, Case JD. 2008. Gulf of Maine mapping initiative: advancing regional fisheries research and management [poster]. AFS 138th Annual Meeting; 2008 Aug 17-21; Ottawa, Ontario (Canada). [WH]
- VAN PARIJS SM, Burke E, Clark CW, Corkeron PJ, MERRICK R, Spaulding E. 2008. Passive acoustics as a tool for validating and monitoring management strategies for ship strike reduction of North Atlantic Right whales [abstract]. Northern Right Whale Consortium Annual Meeting; 2008 Nov 5-6; New Bedford Whaling Museum, New Bedord (MA). [WH]
- VITALIANO J, REID RN, PACKER DB, GUIDA VG, LINK JS, SMITH BE, Valentine P. 2008. Benthic habitat features observed on Georges Bank from 1999 to 2000 [poster]. 37th Annual Benthic Ecology Meeting; 2008 Apr 9-13; Providence (RI). [WH]
- VITALIANO J, REID R, PACKER D, GUIDA V, NOJI T, FROMM S, LINK JS, ALMEIDA F. 2008. Broadscale invertebrate tube coverage on the seabed implications for sediment properties, animal-sediment interactions, habitat characteristics, and habitat mapping on Georges Bank. [poster]. 2008 ICES Annual Science Conference; 2008 Sep 22-26; Halifax, Nova Scotia (Canada). [WH]
- Vu E, Burke E, Clark CW, MERRICK R, RISCH D, VAN PARIJS S. 2008. Preliminary results from acoustic tracking of Northern Atlantic right whale up calls: understanding call characteristics, patterns and behavioral ecology [abstract]. Northern Right Whale Consortium Annual Meeting; 2008 Nov 5-6; New Bedford Whaling Museum, New Bedford (MA). [WH]
- WIDMAN JC Jr, VEILLEUX DJ, DIXON MS. 2008. Effects of calcium hydroxide on bay scallop, *Argopecten irradians irradians* growth [abstract]. Aquaculture America: World Aquaculture Society Annual Meeting; 2008 Feb 9-12; Lake Buena Vista (FL); np. [MF]

- WIDMAN JC Jr, VEILLEUX DJ, DIXON MS. 2008. Intermittent vs continuous feeding of bay scallops, *Argopection irradians* [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):963. [MF]
- WIECZOREK D, DRAXLER AFJ, DESHPANDE AD, CLEARY TH. 2008. Effects of sediment contaminants on winter flounder in estuaries [abstract]. Atlantic Estuarine Research Society; 2008 Mar 15-17; Pine Knoll Shores (NC); p 31. [SH]
- WIECZROEK D, DRAXLER AFJ, DESHPANDE AD, CLEARY TH. 2008. Effects of sediment contaminants on winter flounder in estuaries along the east coast of the United States [abstract]. ACS MARM meeting; 2008 May 17-21; Queensborough (NY). [SH]
- WIECZOREK D, GUIDA VG, DRAXLER AFJ, CLEARY TH. 2008. Inshore dynamics of invasive tunicates in the Middle Atlantic Bight [abstract]. Atlantic Estuarine Research Society; 2008 Mar 15-17; Pine Knoll Shores (NC); p 32. [SH]
- WIKFORS G. 2008. Bleed it out [abstract] Physiomar 08: Meeting on Physiological Aspects of Marine Molluscs; 2008 Sep 1-4; Brest (FR). [MF]
- WIKFORS G. 2008. Thoughts on the environmental concerns with molluscan shellfish aquaculture development [abstract]. 2008 National Symposium on Shellfish and the Environment; 2008 Jun 9-10; Warwick (RI). [MF]
- WIKFORS GH, ALIX JH, Arbaoui R, Isunila I, Galimany E, HEGARET H. 2008. Apoptosis signaling by oxidized polyunsaturated fatty acids: possible roles in trophic interactions between bivalves and food particles [abstract]. Physiomar 08: Meeting on Physiological Aspects of Marine Molluscs; 2008 Sep 1-4; Brest (FR). [MF]
- WIKFORS GH, Arbaoui R, ALIX JH. 2008. Microalgal polyunsaturated fatty acids: can there be too much of a good thing? [abstract]. 28th Annual Milford Aquaculture Seminar; 2008 Feb 25-27; Milford (CT). J Shellfish Res. 27(4):964. [MF]
- WIKFORS GH, HEGARET H, Galimany E, Sunila I, Soudant P, Shumway SE. 2008. Hemocyte responses in bivalve molluscs exposed to harmful or toxic algae: overview and preliminary synthesis. [abstract]. 100th Annual National Shellfisheries Association Meeting; 2008 Apr 6 10; Providence (RI). [MF]
- Wirgin I, Roy N, Loftus M, CHAMBERS RC, Hahn M. 2008. Mechanistic basis of resistance to PCBs in Atlantic tomcod from the Hudson River, New York [abstract]. North Atlantic SETAC (Society of Environmental Toxicology and Chemistry); 2008 Jun 4-6; Bar Harbor (ME). [SH]
- ZISKOWSKI J, MERCALDO-Allen R, PEREIRA J, KUROPAT C. 2008. The blood chemistry of finrotted winter flounder from New Haven Harbor in 1987-1988: the response of blood parameters to increasing fin rot intensity [abstract]. 11th Flatfish Biology Conference, Programs and Abstracts; 2008 Dec 3-4; Westbrook CT; NEFSC Ref Doc CRD 08-19. [MF]. http://www.nefsc.noaa.gov/publications/crd/crd0819/

#### **Web Pages**

- FRIEDLAND K. 2008. Ecosystem advisory for the Northeast Shelf LME. [NG]. http://nefsc.noaa.gov/omes/OMES/fall2008/advisory.html
- FRIEDLAND K. 2008. Ecosystem advisory for the Northeast Shelf LME. [NG]. <a href="http://www.nefsc.noaa.gov/omes/OMES/spring2008/advisory.html">http://www.nefsc.noaa.gov/omes/OMES/spring2008/advisory.html</a>
- FROMM S. 2008. In the wake of the Nauvoo. http://hook.sh.nmfs.gov/draft/sfromm/ClydeNauvoo.html [SH]
- HAUSER J. 2008. Length, weight, age conversion. [WH]. <a href="http://www.nefsc.noaa.gov/cgibin/jhauser/conv/conv.pl">http://www.nefsc.noaa.gov/cgibin/jhauser/conv/conv.pl</a>
- LEGAULT CM, SEAVER A. 2008. NOAA fisheries toolbox, Version 3.1. [WH]. <a href="http://nft.nefsc.noaa.gov/">http://nft.nefsc.noaa.gov/</a>
- LILES G, GARNER L. 2008. Aquarium web site pages: Exhibits and Activities. [WH]. <a href="http://aquarium.nefsc.noaa.gov/">http://aquarium.nefsc.noaa.gov/</a>
- MCINTOSH K. 2008. Gloria Michelle. [WH]. http://www.nefsc.noaa.gov/femad/ecosurvey/mainpage/gloria\_michelle.htm
- SUTHERLAND S. 2008. Fishery biology program. Quality assurance and quality control estimates for the production ageing of northwest Atlantic species. [WH]. <a href="http://www.nefsc.noaa.gov/fbi/QA-OC/age-results.html">http://www.nefsc.noaa.gov/fbi/QA-OC/age-results.html</a>

Research Communications Branch Northeast Fisheries Science Center National Marine Fisheries Service, NOAA 166 Water St. Woods Hole, MA 02543-1026

> MEDIA MAIL

# Publications and Reports of the Northeast Fisheries Science Center

The mission of NOAA's National Marine Fisheries Service (NMFS) is "stewardship of living marine resources for the benefit of the nation through their science-based conservation and management and promotion of the health of their environment." As the research arm of the NMFS's Northeast Region, the Northeast Fisheries Science Center (NEFSC) supports the NMFS mission by "conducting ecosystem-based research and assessments of living marine resources, with a focus on the Northeast Shelf, to promote the recovery and long-term sustainability of these resources and to generate social and economic opportunities and benefits from their use." Results of NEFSC research are largely reported in primary scientific media (*e.g.*, anonymously-peer-reviewed scientific journals). However, to assist itself in providing data, information, and advice to its constituents, the NEFSC occasionally releases its results in its own media. Currently, there are three such media:

NOAA Technical Memorandum NMFS-NE -- This series is issued irregularly. The series typically includes: data reports of long-term field or lab studies of important species or habitats; synthesis reports for important species or habitats; annual reports of overall assessment or monitoring programs; manuals describing program-wide surveying or experimental techniques; literature surveys of important species or habitat topics; proceedings and collected papers of scientific meetings; and indexed and/or annotated bibliographies. All issues receive internal scientific review and most issues receive technical and copy editing.

Northeast Fisheries Science Center Reference Document -- This series is issued irregularly. The series typically includes: data reports on field and lab studies; progress reports on experiments, monitoring, and assessments; background papers for, collected abstracts of, and/or summary reports of scientific meetings; and simple bibliographies. Issues receive internal scientific review and most issues receive copy editing.

Resource Survey Report (formerly Fishermen's Report) -- This information report is a regularly-issued, quick-turnaround report on the distribution and relative abundance of selected living marine resources as derived from each of the NEFSC's periodic research vessel surveys of the Northeast's continental shelf. This report undergoes internal review, but receives no technical or copy editing.

**TO OBTAIN A COPY** of a *NOAA Technical Memorandum NMFS-NE* or a *Northeast Fisheries Science Center Reference Document*, either contact the NEFSC Editorial Office (166 Water St., Woods Hole, MA 02543-1026; 508-495-2350) or consult the NEFSC webpage on "Reports and Publications" (http://www.nefsc.noaa.gov/nefsc/publications/). To access *Resource Survey Report*, consult the Ecosystem Surveys Branch webpage (http://www.nefsc.noaa.gov/femad/ecosurvey/mainpage/).

ANY USE OF TRADE OR BRAND NAMES IN ANY NEFSC PUBLICATION OR REPORT DOES NOT IMPLY ENDORSEMENT.

## Procedures for Issuing Manuscripts in the

#### Northeast Fisheries Science Center Reference Document (CRD) Series

#### Clearance

All manuscripts submitted for issuance as CRDs must have cleared the NEFSC's manuscript/abstract/ webpage review process. If any author is not a federal employee, he/she will be required to sign an "NEFSC Release-of-Copyright Form." If your manuscript includes material from another work which has been copyrighted, then you will need to work with the NEFSC's Editorial Office to arrange for permission to use that material by securing release signatures on the "NEFSC Use-of-Copyrighted-Work Permission Form."

For more information, NEFSC authors should see the NEFSC's online publication policy manual, "Manuscript/abstract/webpage preparation, review, and dissemination: NEFSC author's guide to policy, process, and procedure," located in the Publications/Manuscript Review section of the NEFSC intranet page.

#### Organization

Manuscripts must have an abstract and table of contents, and (if applicable) lists of figures and tables. As much as possible, use traditional scientific manuscript organization for sections: "Introduction," "Study Area" and/or "Experimental Apparatus," "Methods," "Results," "Discussion," "Conclusions," "Acknowledgments," and "Literature/References Cited."

#### Style

The CRD series is obligated to conform with the style contained in the current edition of the United States Government Printing Office Style Manual. That style manual is silent on many aspects of scientific manuscripts. The CRD series relies more on the CSE Style Manual. Manuscripts should be prepared to conform with these style manuals.

The CRD series uses the American Fisheries Society's guides to names of fishes, mollusks, and decapod

crustaceans, the Society for Marine Mammalogy's guide to names of marine mammals, the Biosciences Information Service's guide to serial title abbreviations, and the ISO's (International Standardization Organization) guide to statistical terms.

For in-text citation, use the name-date system. A special effort should be made to ensure that all necessary bibliographic information is included in the list of cited works. Personal communications must include date, full name, and full mailing address of the contact

#### **Preparation**

Once your document has cleared the review process, the Editorial Office will contact you with publication needs – for example, revised text (if necessary) and separate digital figures and tables if they are embedded in the document. Materials may be submitted to the Editorial Office as files on zip disks or CDs, email attachments, or intranet downloads. Text files should be in Microsoft Word, tables may be in Word or Excel, and graphics files may be in a variety of formats (JPG, GIF, Excel, PowerPoint, etc.).

#### **Production and Distribution**

The Editorial Office will perform a copy-edit of the document and may request further revisions. The Editorial Office will develop the inside and outside front covers, the inside and outside back covers, and the title and bibliographic control pages of the document.

Once both the PDF (print) and Web versions of the CRD are ready, the Editorial Office will contact you to review both versions and submit corrections or changes before the document is posted online.

A number of organizations and individuals in the Northeast Region will be notified by e-mail of the availability of the document online.